

Notice of Allowability

Application No.

10/797,652

Examiner

Joni Hsu

Applicant(s)

THOMPSON, KERRY

Art Unit

2671

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed October 11, 2005.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's arguments, see pages 2-7, filed October 11, 2005, with respect to Claims 1-13 have been fully considered and are persuasive. The rejections under 35 U.S.C. 103(a) of Claims 1-5 and 8-12 have been withdrawn.

Allowable Subject Matter

2. Claims 1-13 are allowed.

The following is an examiner's statement of reasons for allowance:

3. The prior art taken singly or in combination do not to teach or suggest synchronizing if the comparisons of the n sync signals are greater on the average than a preset threshold, as recited in Claims 1 and 10. Claims 2-9 and 11-13 depend from these claims, and therefore also contain allowable subject matter.

4. The closest prior art (Srivastava US005121086A) teaches synchronizing display scan systems (Col. 1, lines 6-8). The threshold detector (60, Figure 3) responds to detect large frequency corrections (Col. 6, lines 1-4). If the frequency error is substantial, the output of the error amplifier applied to the threshold detector exceeds the upper threshold therein producing an output signal at terminal 61 (Col. 8, lines 19-22). The output signal at terminal 61 is coupled to the error integrator (Col. 8, lines 22-25, 48-50). This error integrator averages the output. If the

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average error is many times down, then the up/down counter is clocked down. The process repeats till the error is reduced and the limit decoder stops providing the excitation at the up/down counter's input terminal (Col. 8, lines 50-61). However, Srivastava does not disclose computing average sync signal timing comparisons, but averages the output pulses on an up/down counter through a circuit (Col. 8, lines 50-53). Srivastava does not decide that the incoming synchronization signal is valid; instead, Srivastava uses the threshold as a method to determine when the invention should produce a long term change in the steady state of the oscillator instead of a short term change (Col. 6, lines 60-64; Col. 8, lines 61-65).

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Prior Art of Record

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Srivastava (US005121086A) teaches a method of removing static error from an oscillator control system (Col. 3, lines 15-18) by appropriate long term change or shift of the steady state or free running frequency of the oscillator (Col. 8, lines 61-64) which is applied in a television receiver receive a channel (Col. 3, lines 40-66).

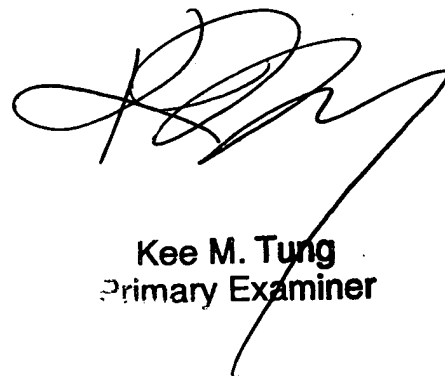
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joni Hsu whose telephone number is 571-272-7785. The examiner can normally be reached on M-F 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on 571-272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JH



Kee M. Tung
Primary Examiner